

# A Hypothesis of Variable Temporal Non-Locality of Non-BEC Chemical Compounds Based Upon the Proximity of Elements of Varying Atomic Weight and Contingent upon Molecular Structure to the Exclusion of Colloidal Atoms and Single-Element Compounds e.g. O<sub>2</sub> and N<sub>2</sub>

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## Introduction

Building upon previous work, sc. pub. 19 August 2021 concerning the temporal non-locality of Bose-Einstein Condensates, novel theoretical explanation is required for the origins of tachyonic energy i.e. a handful of BECs do not adequately explain the pre-materialization of electromagnetism of any sort given that they do not exist in sufficient quantity or proximity to serve as a source of electromagnetism of the stimulated or spontaneous emission variety.

The uncertainty of consistency between information gleaned from tachyonic signal and actual reality is often attributed simply to chaos and when the temporal locality of physical matter is generally assumed, the genesis of such signal is never explained. It is easy to understand why a prediction produced in this way might be inaccurate, but lacking is an explanation for how information, regardless of consistency with the actual future, could be generated in the first place without the presence of substantial amounts of physical matter at the forward point in time from whence the information emanates.

## Abstract

If self-constrained room-temperature BECs exhibit marked temporal non-locality and thus are able to act as direct bridges between past, present and future; (this being a discrete form of time-viewing with a different relationship to causality than the tachyonic variety;) and it is the proximity of elements of varying atomic mass in extremely close proximity that give rise to Higgs-Boson Asymmetry in the nucleons of those atoms (not unlike sitting on a cushion and forcing its contents to the fringes of the cushion,) then it stands to reason that non-BEC chemical compounds would be subject to a far less marked form of this asymmetry of Higgs distribution.

In order for occasionally temporally inverse electromagnetism (sc. mass-inverted neutrinos or "tachyons") to be emitted from a relative forward point in spacetime, the preponderance of the physical matter of the Universe must occupy that point as well as the present (and necessarily, temporally equidistant points in the past) in order for the emission to occur. Photons could not exist without the presence of electrons and electrons could not exist without the presence of protons. The laws of conservation of matter and energy forbid the sometimes-promulgated idea of a duplication of physical matter from one moment in time to the next, nonsensical not only because of the violation of

Newtonian principles but also because there is no unit of time so infinitesimal that one could not nominate a period of time of even shorter duration over which this duplication might occur.

What would be possible without violation of existing laws of physics would be for individual compounds, provided that a Higgs Asymmetry exists, to occupy a fixed breadth of time that varies based upon the extent of that asymmetry. Given that we are surrounded by a mixture non-compounded matter and well as binary or trinary compounds of a single atomic composition ( $O_2$  and  $N_2$ , for instance,) and compounds composed of multiple elements (much of our bodies and the surface of the Earth consist of water,) it is tantalizing to consider that the chemical composition of these molecules that surround us and comprise our own bodies have varying space-time footprints with relation to one another, much as a physical object can vary from another in terms of height, width and depth.

The uncertainty associated with tachyonic time-viewing would therefore be a consequence of uncertainty not in position or dynamics of those compounds already occupying the forward point in spacetime in question, but that uncertainty would have to be entirely driven by our own interaction with colloidal atoms as well as chemical compounds of a single elemental ingredient, sc. most of the atmosphere. It would, in the case of time-viewing of points in time forward of the breadth of particular compounds (such as water) be, additionally, influenced by positional uncertainty of those compounds, as well, depending upon the temporal distance being covered. If this is the case, a compound such as  $O_2$  would have a zero temporal footprint given that it is composed of two like atoms.  $H_2O$  would have a temporal footprint of, perhaps, 1/10th of one second given its relaxed structure and the relative closeness of hydrogen and oxygen in terms of atomic weight. A compound such as ferrous oxide would have a somewhat wider footprint of between 9 and 12 hours depending upon the way in which the Fe and O were arranged in terms of structure. Fully self-constrained BECs composed of multiple Pb atoms as well as N, S, O and H could have dramatically wider footprints on the order of a few decades, although these exact figures are not based upon empirical observation.

The establishment of Einstein-Rosen Bridges creates a sort of a feedback loop in which inconsistencies between an observed future and an actual future are corrected by way of the pseudo-intelligent projection of force through the bridge into the temporally aft window of time, including to points prior to what may be termed the present since these windows are symmetrically centered upon the present and their associated influences are actually being projected to points well-aft of the present. If, for instance, a bridge extends exactly seven years into the future, it must then also necessarily extend seven years into the past. The ability of minute quantities of energy to generate grand and specific changes to the flow of events is aided by the intrinsic capacity of energy injected in a precise enough fashion to the past to effortlessly nudge events in a different direction. This ability is, conversely, limited by the comparatively narrow temporal footprint of most of the chemical compounds surrounding us.

A corollary to the principle that all events observed via Einstein-Rosen Bridge must necessarily occur as predicted is that the dissolution of the BEC molecules used to make that observation can halt the aforementioned feedback loop provided that the predicted event has not yet occurred. It is this feedback loop that forces a merely likely outcome to be the actual outcome. In the absence of this feedback loop, events are once again free to flow in a different direction.

As implied in the 19 August 2021 publication and a subsequent publication concerning the strategic exploitation of ERBs as a means of deliberately and effortlessly manipulating the course of world events, a person might exploit this phenomenon by creating a technological apparatus based upon establishing and subsequently severing these connections between BECs with wide temporal footprints in order to "lock-in" possible futures that are to their liking and briefly view and quickly dissolve bridges that reveal negative outcomes. To an outside observer, it would appear, perhaps, that a deity of some sort was controlling the flow of events with an invisible hand.

## **Conclusion**

While this new theoretical addendum provides an explanation for tachyon genesis that is consistent with established laws of physics, it re-affirms the potential for the abuse of strategic ERB exploitation as a danger far in excess of that posed by tachyon-based event probability assessment.